



COORDINATION CHEMISTRY REVIEWS, VOL. 182 (1999)

AUTHOR INDEX

Comba, P., 343	Krämer, R., 243	Ruben, M., 67
Dehnicke, K., 19	Krebs, B., 211	Schwederski, B., 323
Feldmann, A.A., 211	Krieger, M., 19	Sheldrick, W.S., 125
Hahn, F.E., 175	Lippert, B., 263	Tamm, M., 175
Heilmann, O., 323	Massa, W., 19	Than, R., 211
Hennig, H., 101	Müller, A., 3	van Eldik, Rudi, 373
Hornung, F.M., 323	Müller, I.M., 125	Walther, D., 67
Kaim, W., 323	Rau, S., 67	
Kögerler, P., 3	Rehder, D., 297	

PII: S0010-8545(98)00278-1

SUBJECT INDEX

Alkylcycloarsathianes	Catalysis
Alkylcycloarsoxanes and alkylcycloarsathianes—ambidentate macrocyclic ligands of variable metal-mediated ring size 125	Bioinorganic models for the catalytic cooperation of metal ions and functional groups in nuclelease and peptidase enzymes 243
Alkylcycloarsoxanes	Carbon dioxide and metal centres: from reactions inspired by nature to reactions in compressed carbon dioxide as solvent 67
Alkylcycloarsoxanes and alkylcycloarsathianes—ambidentate macrocyclic ligands of variable metal-mediated ring size 125	Strains and stresses in coordination compounds 343
Ambidentate	Catechol oxidase
Alkylcycloarsoxanes and alkylcycloarsathianes—ambidentate macrocyclic ligands of variable metal-mediated ring size 125	Structural and functional studies on model compounds of purple acid phosphatases and catechol oxidases 211
Asciidaeae	Chain processes
The coordination chemistry of vanadium as related to its biological functions 297	Homogeneous photo catalysis by transition metal complexes 101
Carbamato metal complexes	Chelate coordination
Carbon dioxide and metal centres: from reactions inspired by nature to reactions in compressed carbon dioxide as solvent 67	Coordination compounds of pteridine, alloxazine and flavin ligands: structures and properties 323
Carbenes	Cisplatin
Reactions of β -functional phenyl isocyanides 175	Impact of Cisplatin on the recent development of Pt coordination chemistry: a case study 263

PII: S0010-8545(98)00279-3

Clusters

From simple building blocks to structures with increasing size and complexity 3

 CO_2 activation

Carbon dioxide and metal centres: from reactions inspired by nature to reactions in compressed carbon dioxide as solvent 67

Coenzymes

Coordination compounds of pteridine, alloxazine and flavin ligands: structures and properties 323

Complexes

Reactions of β -functional phenyl isocyanides 175

Coordination chemistry

Impact of Cisplatin on the recent development of Pt coordination chemistry: a case study 263

Copper

Structural and functional studies on model compounds of purple acid phosphatases and catechol oxidases 211

Cycloaddition

Reactions of β -functional phenyl isocyanides 175

Electron transfer

Mechanistic studies in coordination chemistry 373

Entatic state

Strains and stresses in coordination compounds 343

Enzyme models

Carbon dioxide and metal centres: from reactions inspired by nature to reactions in compressed carbon dioxide as solvent 67

Enzymes

Bioinorganic models for the catalytic cooperation of metal ions and functional groups in nuclelease and peptidase enzymes 243

Flavins

Coordination compounds of pteridine, alloxazine and flavin ligands: structures and properties 323

Haloperoxidases

The coordination chemistry of vanadium as related to its biological functions 297

Heterocycles

Reactions of β -functional phenyl isocyanides 175

Hexaamine

Strains and stresses in coordination compounds 343

Homogeneous catalysis

Mechanistic studies in coordination chemistry 373

Iron

Structural and functional studies on model compounds of purple acid phosphatases and catechol oxidases 211

Isocyanides

Reactions of β -functional phenyl isocyanides 175

Ligand field

Strains and stresses in coordination compounds 343

Ligand substitution

Mechanistic studies in coordination chemistry 373

Macrocyclic

Alkylcycloarsoxanes and alkylcycloarsathianes—ambidentate macrocyclic ligands of variable metal-mediated ring size 125

Model complex

Structural and functional studies on model compounds of purple acid phosphatases and catechol oxidases 211

Molecular modeling

Strains and stresses in coordination compounds 343

Nucleobases

Impact of Cisplatin on the recent development of Pt coordination chemistry: a case study 263

Oxidation states

Phosphoraneiminato complexes of transition metals 19

Peptidases

Bioinorganic models for the catalytic cooperation of metal ions and functional groups in nuclelease and peptidase enzymes 243

Peroxo complexes

Structural and functional studies on model compounds of purple acid phosphatases and catechol oxidases 211

Phosphoraneiminato complexes

Phosphoraneiminato complexes of transition metals 19

Photocatalysis

Homogeneous photo catalysis by transition metal complexes 101

Photo reactions

Homogeneous photo catalysis by transition metal complexes 101

Polyoxometalates

From simple building blocks to structures with increasing size and complexity 3

Preorganization

Strains and stresses in coordination compounds 343

Pteridines

Coordination compounds of pteridine, alloxazine and flavin ligands: structures and properties 323

Purple acid phosphatase

Structural and functional studies on model compounds of purple acid phosphatases and catechol oxidases 211

Reaction mechanism

Mechanistic studies in coordination chemistry 373

Redox cycling

Mechanistic studies in coordination chemistry 373

Reduction potential

Strains and stresses in coordination compounds 343

Ring expansion

Alkylcycloarsoxanes and alkylcycloarsathianes—ambidentate macrocyclic ligands of variable metal-mediated ring size 125

Small molecule activation

Mechanistic studies in coordination chemistry 373

Static spectral sensitization

Homogeneous photo catalysis by transition metal complexes 101

Steric effects

Strains and stresses in coordination compounds 343

Steric strain

Strains and stresses in coordination compounds 343

Structures

Coordination compounds of pteridine, alloxazine and flavin ligands: structures and properties 323

Supercritical CO₂

Carbon dioxide and metal centres: from reactions inspired by nature to reactions in compressed carbon dioxide as solvent 67

Supramolecular chemistry

From simple building blocks to structures with increasing size and complexity 3

Transition metal complexes

Homogeneous photo catalysis by transition metal complexes 101

Transition metals

Phosphoraneiminato complexes of transition metals 19

Transplatin

Impact of Cisplatin on the recent development of Pt coordination chemistry: a case study 263

Vanadium

The coordination chemistry of vanadium as related to its biological functions 297

Vanadium–nitrogenase

The coordination chemistry of vanadium as related to its biological functions 297

⁵¹V-NMR

The coordination chemistry of vanadium as related to its biological functions 297

Volume profile

Mechanistic studies in coordination chemistry 373